

Android 8.1 - Oreo

New features guide

bq

About this manual

- To ensure correct usage of the device, please read this manual carefully before using it.
- This manual is an introduction to the new features included in the latest Android™ operating system, Android™ 8.1 Oreo. The final product may differ slightly with respect to some of the images and screenshots in this document. Likewise, some of the content might not correspond exactly to the operation of your device due to firmware updates. The latest version of your device's manual can be obtained from bq.com.
- BQ shall not be held liable for any issues relating to performance or incompatibility resulting from modification of the registry settings by the user, or for any incompatibility issues with third-party applications available through the app stores.

Icon guide



Danger: situations that could pose a risk to personal safety or health.



Warning: situations which pose a risk to the correct functioning of the device but not to personal safety or health.



Tip: additional information to help you make the most of your device.

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Introduction to Oreo

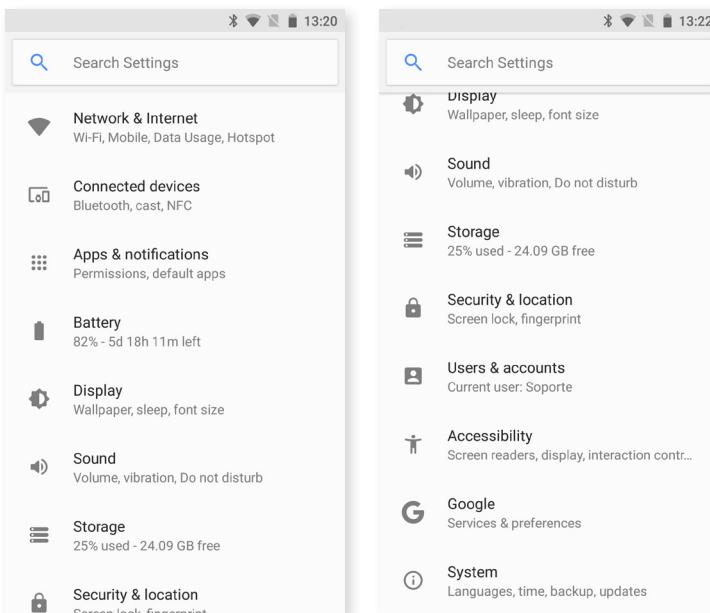
Oreo is the latest official version of Android. With regard to aesthetics and functionality, it's similar to Google's Nougat operating system, but with new features that optimise your device even more.

These features may vary depending on the device you're using.

The details of the main new features of the latest version are listed below:

Settings

The **Settings** menu comes with the options newly rearranged and regrouped, with an **Advanced Options** section that contains the least used options of the group in a drop-down menu.



 If you prefer, you can search for the options you don't know how to find by pressing the search bar  and typing the name in. The path will appear at the bottom.

Network and internet

From this menu, you can access the following settings: **Wi-Fi, Mobile network, Data usage, Wi-Fi hotspot/Tethering, VPN** and **Aeroplane mode**.

Connected devices

This option contains the settings for **Bluetooth, Send screen, NFC, Android Beam, Printing** and **USB**.

Apps and notifications

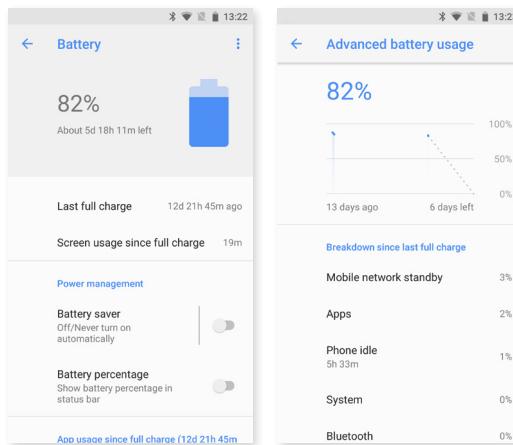
Settings relating to notifications and apps permissions.

Battery

The battery control options can be accessed via this menu.

The main options include a graph showing the battery percentage remaining in real time, and other information, such as the date and time that it was last fully charged.

By pressing the battery icon we will access a more detailed consumption graph and by pressing the icon  we can access the **Battery Optimisation** or choose between **Show full device usage** or **Show use of apps** to control the consumption of the battery more specifically.



Oreo minimises background activity to reduce the battery consumption. For example, if an app requires your location, it will receive the last one recorded instead of activating the GPS. It also prioritises foreground processes so that apps are launched much faster.

Display

This option does not contain any new sections, only a few additional settings under **Night light**.

Night light was one of the most distinctive features of Nougat. With this feature, the screen acquires an orange tone to reduce the blue light emitted and allow the eyes to rest. This transition occurs much more gradually in Oreo.

As with Nougat, it allows you to schedule the activation time but it also has the additional feature of allowing the colour intensity to be adjusted.

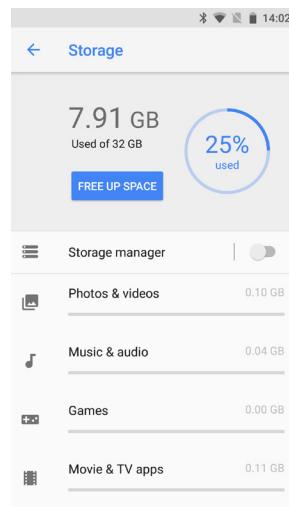
Sound

Here you can access the settings relating to the device volume preferences, simply reorganised in a different way.

Storage

Two new ways to manage storage have been added to this section:

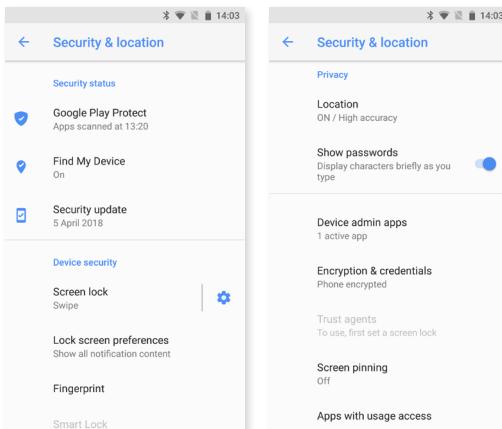
1. A Storage manager which enables us to quickly and conveniently free up space provides access to the list of programs by categories, showing both the space being occupied and their corresponding files, so that the files can be selected and deleted effectively.
2. Using the Free up button, we can access the device's memory and multimedia content backups, and delete the most recent documents.
3. The option to erase cache data generally has been removed in Android Oreo and it can now be done individually within the apps of our choice, at any time.



Security and Location

The security options for new operating system are grouped into this section.

At the top are the options relating to the General security status:



Google Play Protect: Google Play Protect: Check regularly for harmful behaviour in your apps and on your device.

Find my device: This app helps you to locate your device remotely and to protect your data if the device is lost.

Security update: This section shows the latest security patches that have been installed. We can press on it to see if a new version is available.

As with previous versions of Android, the Screen lock, Fingerprint (on devices with this function) Location and SIM card lock options for configuring our privacy and device security are maintained.

Users and accounts

From here, you can share this device with other people by creating more users, selecting the email accounts that you want to sync and adding any emergency information as appropriate. This information was previously separated in Nougat.

Accessibility

This section continues to offer certain system services to facilitate the accessibility of the device, such as large text, TalkBack, use physical buttons as virtual ones, speak passwords, quick boot, etc. The options are now regrouped into categories.

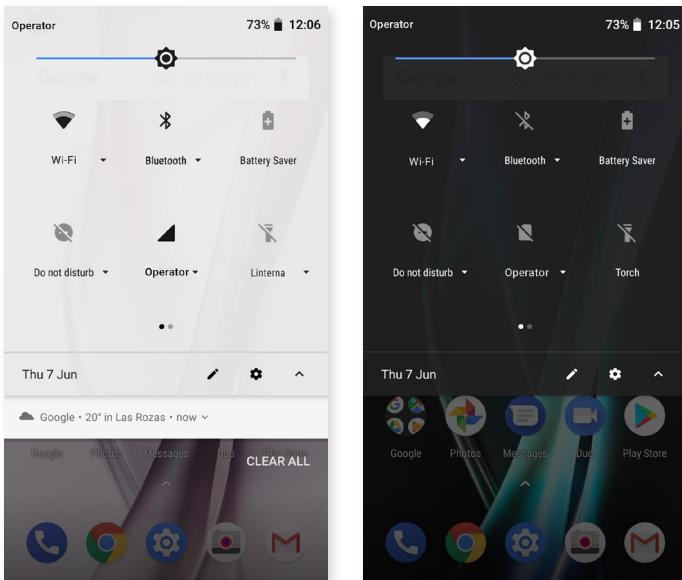
System

The general device settings have been regrouped in this section (previously being located elsewhere) such as ***Language and input, Gestures, Date and time, Backup, System updates, Scheduled Power On and Off, About phone*** and ***Reset options***. The latter offers the additional option of separately resetting the network settings (mobile, Wi-Fi or Bluetooth), the app settings or a total factory reset.

New features in Oreo

Clear user interface

The notifications and quick settings bar has gone from dark to light with black-coloured icons, achieving a greater contrast between the background and the icons and improving their visibility.



The quick settings bar now appears slightly transparent. In addition to the transparency, the colour of part of the interface will adapt according to the background selected. It changes automatically from light or dark mode in Android 8.1, depending on the background selected.

New features in notifications and quick settings

Enhanced hierarchical organisation of your notifications.

The notifications will not be shown in order of arrival, instead, each type of notification will now have its own space.

Notifications are grouped into four categories in Oreo, being ordered from greater or lesser importance and differentiated by colour and height. The categories are “Ongoing notifications” (call, timer, music, navigation prompts, etc...), “Person to person” (messages or missed calls), “General notifications” (reminders, events, updates, etc...) and “By the way” (with less relevant notifications such as time, traffic, promotions, suggestions, etc ...).

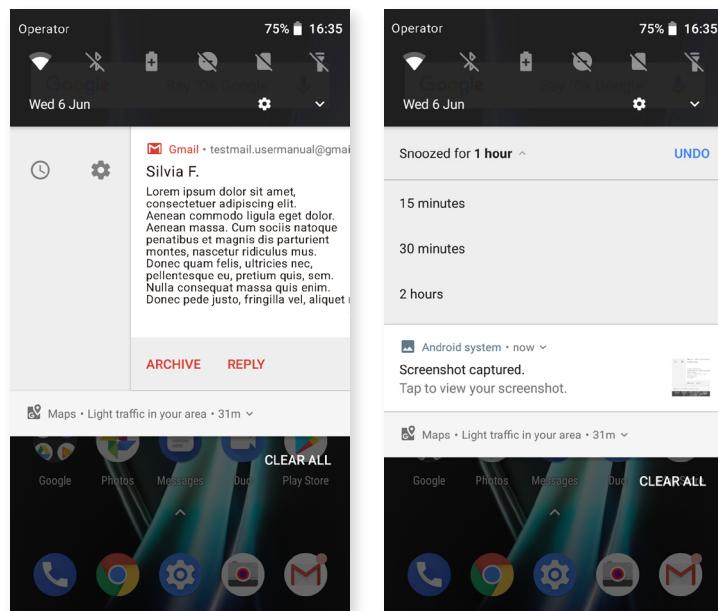
Replies to a message received through a messaging app can be done directly from the notification.

We recommend going to **Settings > Apps and notifications > Notifications**. From this menu, you will be able to personalise all the app notifications individually. This feature depends on the developer of each app, which means it could have more or fewer personalisation options.

POSTPONE INDIVIDUAL NOTIFICATIONS

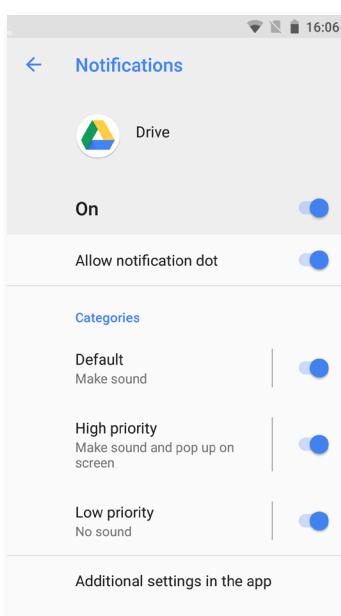
If you get a notification that you can't deal with at the time, you can now swipe the app to the right and, before discarding the notification, a clock will appear enabling you to postpone the notification so that you receive it again in an hour, or you can personalise the interval to 15 minutes, 30 minutes, or 2 hours later.

This feature is available for any individual notification that appears:



CHANNELS AND NOTIFICATION CATEGORIES

The new notification channels enable us to personalise the type of notifications that are shown by each app.



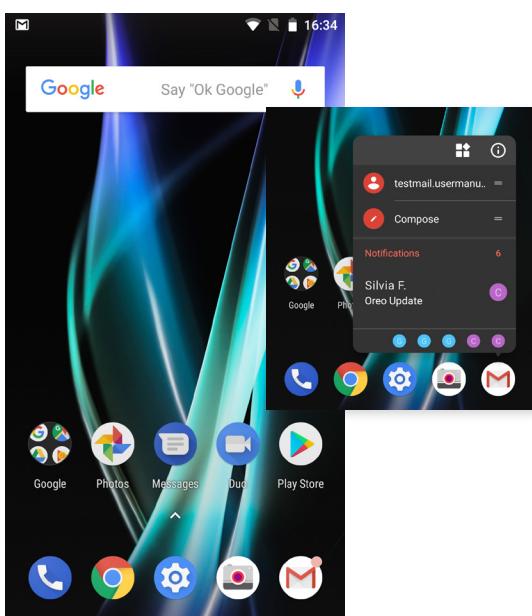
Previously, Android only allowed us to block all notifications generated by an app, but now we can select which ones we want to see and those we don't for each app using the system settings, without having to go to the settings of the app itself. This means that the notifications can be separated into categories depending on their content and the user's interests.

Enable and disable notifications for each app and select how you prefer to be notified (for example, by vibrating and showing the lock screen. What's more, within each app, you can assign different levels of importance (urgent, high, medium and low) to different notification categories.



In order to assign categories, the feature must be supported by the app.

NOTIFICATION DOTS



A native feature is included with Android Oreo where a dot will appear on the app icons when there is a new notification. This is enabled by default with the Oreo update, so if you don't like it, you can disable it via **Settings > Apps and notifications > Notifications > Allow notification badge**.

On long-pressing on the icon, the available shortcuts and a summary of the pending notifications will appear. The widgets and app information have been incorporated into these shortcuts.

For example, you can create a reminder or event by long-pressing on Google Calendar or you can access the last email you received.

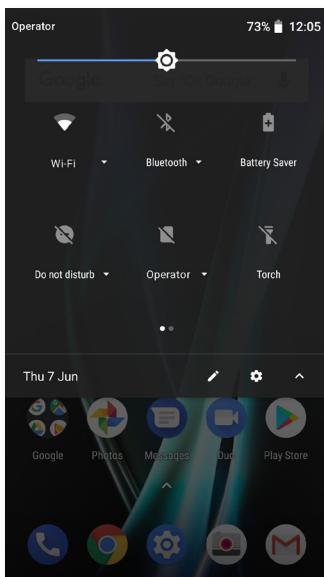
Tapping anywhere else on the screen will make the shortcuts menu disappear.

An app shortcut can be added to the **Home screen** by long-pressing and then dragging it to the desired position.

BACKGROUND COLOURS

Ongoing notifications appear with a coloured background, which adapts to multimedia content (for example, to the album cover).

QUICK SETTINGS



The notifications and quick settings continue to be integrated into one screen. To view the notifications, pull the bar down with one finger. Delete all the notifications by pressing **Delete all**, or by swiping them individually to the side.

The quick settings are still accessed via the notifications bar, whereas the **Power off/Lock/Sync** settings have been removed and are now accessed via the specific menus and buttons.

Access to the advanced menus has been added in Android Oreo via the quick settings. All you need to do is long-press the selected quick settings and you will be taken to the rest of the options.

Auto-fill service

Android 8.1 comes with an autofill system inherited from Chrome. This means that if you save your data when you fill in a form, it will automatically be filled in the fields on new forms, such as name, address, etc.

You can change the settings for this feature via the **Autofill service** within **Settings > System > Language and input**. By default, it uses any data already saved to your Google account in Chrome via Smart Lock.

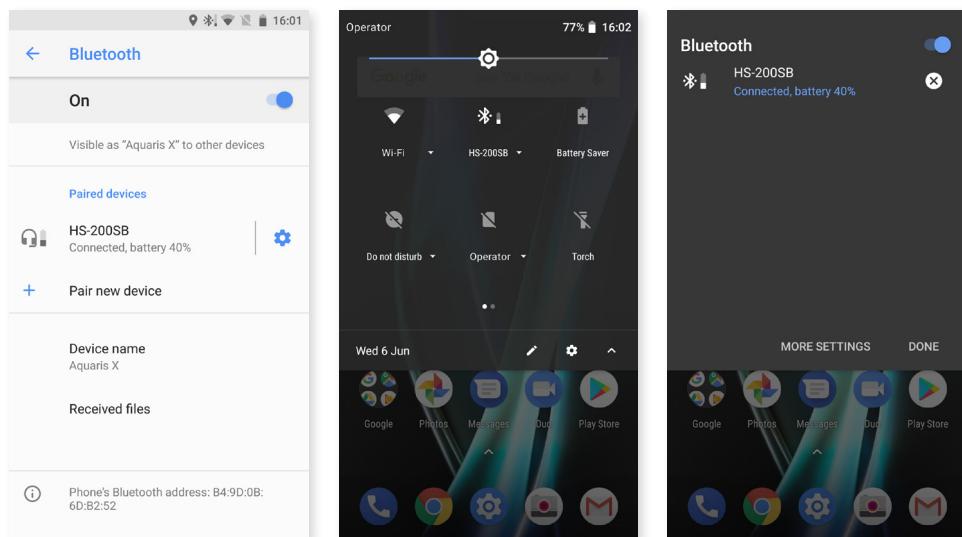
Smart text selection

The text selection feature in Android Oreo now detects what type of content we copy and gives us the option of writing an email, calling or finding the address in Google Maps, according to whether we are copying text from an email, a phone number or a postal address.



Battery level of Bluetooth devices

An option is integrated into Android 8.1 enabling you to view the battery level and the remaining percentage of the devices connected via Bluetooth. Simply pull down the quick settings panel for an overview of how much battery your device has left for example, when the speaker or headphones are connected via Bluetooth.



To be able to view the battery level remaining, the connected device must support this option.

BQ Launcher

The Home screen is also slightly different in this new version of Android. The apps drawer can still be accessed by pressing the icon  (on the lower bar, where the shortcut to various apps is located). The new feature with Oreo, which was not available in Nougat, is that now you can swipe upwards from anywhere on the screen to access it, improving the user experience.

Individual permission for Apps from Unknown Sources

To download apps from an alternative store or from a website, you must first configure the system to accept the installation of apps from unknown sources. To authorise the downloads, go to **Settings > Apps and notifications > Advanced settings > Special app access > Install unknown apps**.

For greater security, permissions are now individual in the new version of Oreo. As with previous version, only few specific apps have the authority to install apps from unknown sources and not the entire phone.



Only install this type of app from trusted sources.

Progressive installation progress bar

On installing an app in Android Oreo, an installation bar appears showing the progress in real time.

New emojis

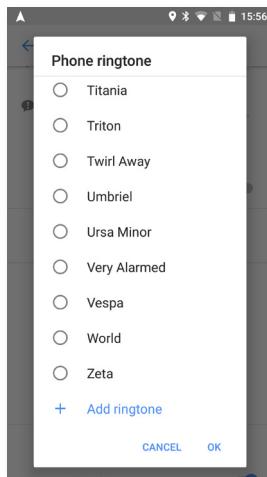
The traditional Android emojis showing the little balloons with a character inside give way to the latest emoticons which are recognisable by everyone. They take on a circular form, similar to the ones used by the majority of apps.

Compress files

Android now allows files to be compressed into ZIP format. This is done via the **File explorer**. To do this, select the files and then select the **Compress** option from the menu .

Enjoy your favourite ringtones and sounds

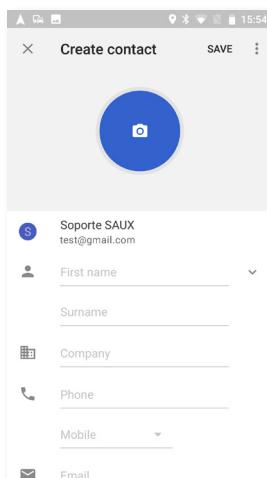
Add your own ringtones and sounds without having to import them from a computer or other apps: on selecting the ringtone, you can choose any audio file on your device. To personalise your ringtones, go to **Settings > Sound > Phone ringtone**.



Contacts

We are using the Google **Contacts** app since Android Oreo, which varies slightly from the AOSP that we were using until now.

The Google **Contacts** app alone allows contacts to be saved in the app itself in order to avoid losing any contacts when saving them on the SIM card or Phone. The SIM is an external element that could get broken, damaged or lost, and if you change to another company, a change of the physical card is usually necessary. If they are saved in the Phone memory, if it does not switch on as normal for any reason, the information contained inside could be lost. The Google account saves a permanent backup of the contacts, which can be viewed or edited using other devices or computers simply by logging in to the same account.

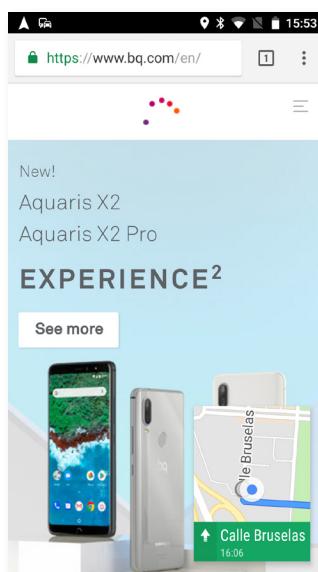


New Picture-in-Picture option (PiP)

PiP is a new type of multi-window mode that allows us to continue video playback and video calls or navigation while another app is in use, making it possible to view content while doing other activities.

To enable this floating window, simply put the video in full-screen mode and press and hold the Home or Start button (in the centre). You can move it around and reposition it to your liking.

To find out which apps are compatible with this new option, go to **Settings > Apps and notifications > Advanced** settings > **Special access > Picture-in-Picture**. You will see a list of all the apps that can be used in PiP mode



This option must be supported by the app.



The PiP mode only functions in Google Maps navigation mode (when the route has already been started) and in the messaging app during video calls, for example using Google Duo.

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